

IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-16. (cancelled).

17. (currently amended) The method as claimed in Claim ~~16~~ 23, wherein the coating comprises a solid film lubricant layer.

18. (currently amended) The method as claimed in Claim ~~16~~ 23, wherein the coating is applied by a dipping process.

19. (currently amended) The method as claimed in Claim ~~16~~ 23, wherein the coating is applied by a spraying process.

20. (currently amended) The method as claimed in Claim ~~16~~ 23, wherein the coating is applied by a barrel process.

21. (currently amended) The method as claimed in Claim ~~16~~ 23, wherein the coating is applied by a brushing process.

22. (currently amended) The method as claimed in Claim ~~16~~ 23, wherein the lead base layer is part of a construction or building.

23. (New) A method of providing a pliable, malleable sheet roofing material based on a lead layer, comprising:

applying to the lead layer a UV-polymerizable mixture comprising a photoinitiator, at least one acrylic based polymer and at least one epoxy based polymer, to form a coating in the range of from 2 to 300 microns thickness; and

exposing the coating to UV light to cure same and form a solid film that prevents leaching of lead from the sheet, and remains resiliently deformable to allow the sheet roofing material to be worked and formed into a required shape without the coating cracking or flaking away from the lead layer.

24. (New) The method claimed in Claim 23, wherein the coating comprises polytetra-fluoroethylene (PTFE).

25. (New) The method claimed in Claim 23, wherein the coating comprises molybdenum disulphide.

26. (New) The method claimed in Claim 23, wherein the coating further comprises an abhorrent material for deterring pests from attacking said leach-preventative coating.

27. (New) The method claimed in Claim 26, wherein the abhorrent material includes chili or chili pepper.

28. (New) The method claimed in Claim 26, wherein the abhorrent material includes extract of habanero pepper.

29. (New) The method claimed in Claim 23, wherein the photoinitiator is a radical initiator and UV curing is conducted under an inert atmosphere containing no more than 3% oxygen.

30. (New) The method claimed in Claim 23, wherein the UV light is from a lamp restricted to the wavelengths in the range of from 200 nanometers to 320 nanometers.

31. (New) A a pliable, malleable sheet roofing material, comprising:
a lead layer with a UV-polymerizable mixture comprising a photoinitiator, at least one acrylic based polymer and at least one epoxy based polymer, applied thereto to form a coating in the range of from 2 to 300 microns thickness, wherein the coating has been exposed to UV light to cure the coating and form a solid film that prevents leaching of lead from the sheet, and remains resiliently deformable to allow the sheet roofing material to be worked and formed into a required shape without the coating cracking or flaking away from the lead layer